

Claims

1. An apparatus for shaping and/or folding can bodies (11) having at least two oppositely rotating shaping tools (12 and 13) of which one is mounted on an arm (14) for radial movement,
5 characterized in that

the arm (14) is provided with a controllable drive (15, 16, 17) comprised of a motor (15) with or without a step-down drive (16) and an increment or angle sensor (17).

2. The apparatus according to claim 1, characterized in
10 that the arm (14) is pivotal.

3. The apparatus according to claim 2, characterized in
that each pivot arm (14) is provided with two tools (13a and 13b)
that are used alternately for shaping.

4. The apparatus according to one of claims 1 to 3,
15 characterized in that by a calibrating body (10), in particular a
calibrating ring, that serves after changing of the shaping tool as
a reference point for setting at a null point the increment or
angle sensor (17).

5. The apparatus according to one of claims 1 to 4,
20 characterized in that in a multiple-spindle carousel-type machine

each arm (14) is connected with a respective externally controllable drive (15, 16, 17).

6. The apparatus according to one of claims 1 to 5, characterized in that change in the actual-value current output of the electrical drive relative to the angular position and the force curve derived from it is compared with a stored force curve and when a predetermined deviation is detected the respective can body is culled out.

7. The apparatus according to one of claims 1 to 6, characterized by a memory for the force curves of typical error situations.